

AMENDMENTS TO THE CLAIMS

1. (Original) A latex of nitrile group-containing copolymer rubber containing 10 to 30 mass% α,β -ethylenically unsaturated nitrile monomer unit, having an iodine value of 250 or less and a Mooney viscosity (ML_{1+4} , 100°C) of 10 to 120, and showing a temperature difference (ΔT_g) of 15°C or less between extrapolated glass transition initiation temperature (T_{ig}) and extrapolated glass transition end temperature (T_{eg}) measured by differential scanning calorimetry.

2. (Original) The latex according to claim 1, wherein the temperature difference (ΔT_g) is 14°C or less.

3. (Original) The latex according to claim 1 or 2, wherein the compositional distribution breadth of each monomer unit in the nitrile group-containing copolymer rubber is 80 mass% or less wherein the compositional distribution breadth of each monomer is the ratio of a difference between the maximum and minimum contents of each monomer in a minute part of the polymer to the content of each monomer in the whole polymer.

4. (Currently amended) The latex according to ~~any one of claims 1 to 3~~ claim 1, wherein the compositional distribution breadth of a monomer unit copolymerizable with the α,β -ethylenically unsaturated nitrile monomer is 80 mass% or less wherein the compositional distribution breadth of each monomer is the ratio of a difference between the maximum and

minimum contents of each monomer in a minute part of the polymer to the content of each monomer in the whole polymer.

5. (Currently amended) The latex according to ~~any one of claims 1 to 4~~ claim 1, wherein the content of the α,β -ethylenically unsaturated nitrile monomer unit in the nitrile group-containing copolymer rubber is 12 to 25 mass%.

6. (Currently amended) The latex according to ~~any one of claims 1 to 5~~ claim 1, wherein the iodine value of the nitrile group-containing copolymer rubber is 200 or less.

7. (Currently amended) The latex according to ~~any one of claims 1 to 6~~ claim 1, wherein the average particle diameter of the nitrile group-containing copolymer rubber is 50 to 150 μm .

8. (Currently amended) An adhesive treatment solution comprising the latex according to ~~any one of claims 1 to 7~~ claim 1 and a resorcinol/formaldehyde resin.

9. (Original) The treatment solution according to claim 8, wherein the amount of the resorcinol/formaldehyde resin incorporated into 100 parts by weight of the nitrile group-containing copolymer rubber dispersed in the latex is 3 to 60 parts by weight.

10. (Original) An adhesive composition comprising a resorcinol/formaldehyde resin and nitrile group-containing copolymer rubber particles containing 10 to 30 mass% α,β -ethylenically

unsaturated nitrile monomer unit, having an iodine value of 250 or less and a Mooney viscosity (ML_{1+4} , 100°C) of 10 to 120, and showing a temperature difference (ΔT_g) of 15°C or less between extrapolated glass transition initiation temperature (T_{ig}) and extrapolated glass transition end temperature (T_{eg}) measured by differential scanning calorimetry.

11. (Original) The adhesive composition according to claim 10, wherein the amount of the resorcinol/formaldehyde resin incorporated into 100 parts by weight of the nitrile group-containing copolymer rubber particles is 3 to 60 parts by weight.

12. (Original) The adhesive composition according to claim 10 or 11, wherein the water content in the composition is 1 mass% or less.

13. (Currently amended) A fiber member comprising a layer of the adhesive composition according to ~~any one of claims 10 to 12~~ claim 10 formed on at least a part of the surface of a fiber member.

14. (Original) The fiber member according to claim 13, wherein the thickness of the adhesive composition layer after drying is 0.1 to 10 μm .

15. (Currently amended) The fiber member according to claim 13 ~~or 14~~, wherein the fiber constituting the fiber substrate is selected from the group consisting of glass fiber, polyester fiber, polyamide fiber and polybenzobisoxazole.

16. (Currently amended) A method of producing a fiber member, which comprises applying and drying the adhesive treatment solution according to claim 8 ~~or 9~~ on at least a part of the surface of a fiber substrate.

17. (Currently amended) A composite member comprising the fiber member according to ~~any one of claims 13 to 15~~ claim 13 adhesive-bonded to a vulcanized rubber member.

18. (Currently amended) A method of producing a fiber member/vulcanized rubber composite member, which comprises bringing a vulcanizable rubber composition into contact with an adhesive composition layer formed on the surface of the fiber member according to ~~any one of claims 13 to 15~~ claim 13 and then vulcanizing it.